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The Editorial Board will be glad to receive and consider for publication letters containing information of general interest to physicians or presenting constructive criticisms on issues of the day.

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tensive defects. The hospital stay is reduced by this technique and the patient is spared weeks of uncomfortable immobilization.

Thumb and finger reconstruction by toe transplantation, once a medical curiosity, is being done with increasing frequency. The expanding interest in the field of microsurgery will bring about simplification of techniques and more dependable results.

HARRY J. BUNCKE, MD

REFERENCES

Report of American Replantation Mission to China: Replantation surgery in China. *Plast Reconstr Surg* 52:476, Nov 1973
 O'Brien BM, Miller GD: Digital reattachment and revascularization. *J Bone Joint Surg* 55A:714-724, Jun 1973
 Buncke HJ, McLean DH, George PY: Thumb replacement, great toe transplantation by microvascular anastomosis. *Br J Plast Surg* 26:194-201, Jul 1973
 Harri K, Ohmori K, Ohmori S: Successful transfer of ten free flaps by microvascular anastomoses. *Plast Reconstr Surg* 53:259, 1974

The Eye in Facial Palsy

TODAY, treatment of facial palsy only rarely requires that a deforming central tarsorrhaphy—formerly a common procedure to protect the cornea from dust and dry air—be done. The early intervention of a reconstructive plastic surgeon, with occasional assistance from a soft contact lens fitted by an ophthalmologist, provides ocular protection without creating highly visible deformity.

The condition treated is the absence of the closing force of the orbicularis worsened by the lively action of the levator (lifter) of the upper lid, which now has no antagonist.

The diverse therapeutic choices include operations to support and horizontally shorten the lower lid (some taken from antiquity resemble old operations for the correction of senile ectropion in the central, medial or lateral lid). Other approaches

support the lid by use of autogenous or preserved fascia lata graft supports in the pretarsal lower lid, with the delicate assistance of a Scottish lateral tarsorrhaphy to join the upper and lower tarsal plates so the lower lid will rise with the upper and therefore look alive. Such fascial slings often accompany procedures to support the rest of the face.

To antagonize the levator and allow the lid to fall when it relaxes, as in downward gaze or blinking, a weight of gold can be placed in the upper lid to use the force of gravity. More active, and risky, is the use of a stainless steel spring in the upper lid for the same purpose or a fine silicone rubber band around both lid edges which holds the lids closed when the levator is not working. A more active and useful upper lid can be achieved in these ways.

Temporal muscle transfers to replace the orbicularis occasionally work well but frequently fail to achieve a good functional and cosmetic result. Free muscle grafts reportedly work to some extent but are experimental still—as is the use of magnets. The deformity is such that patients are often more than willing to become parties to experimentation.

The options are many; none is entirely satisfactory. The decision as to method of treatment should be made by those with special training, interests and skills in the subject.

RICHARD JOBE, MD

REFERENCES

Jobe R: A technique for lid loading in the management of lagophthalmos of facial palsy. *Plast Reconstr Surg* 53:29, Jan 1974
 Arion HG: Dynamic closure of the lids in paralysis of the orbicularis muscle. *Int Surg* 57:48-50, Jan 1972
 Morel-Fatio D, Lalardrie JP: Palliative surgical treatment in facial paralysis. *Plast Reconstr Surg* 33:466, May 1964

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CONTINUING MEDICAL EDUCATION

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COMMITTEE ON CONTINUING MEDICAL EDUCATION

THIS BULLETIN of information regarding continuing education programs and meetings of various medical organizations in California and Hawaii is supplied by the Committee on Continuing Medical Education of the California Medical Association. In order that they may be listed here, please send communications relating to your future meetings or postgraduate courses two months in advance to Committee on Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103; or phone (415) 777-2000. Note: Please see **California Medicine**, Vol. 117, No. 4, October, 1972 issue for a list of organizations approved for Category I Credit toward the CMA Certificate in Continuing Medical Education.

ALCOHOL AND DRUG ABUSE

February 13—**Alcohol and Drugs**. USC. Thursday.

CANCER

January 22—**Carcinoma of the Oral Cavity—Second Annual Central Valley Medical Conference**. American Cancer Society at Holiday Inn, Modesto. Wednesday. Contact Dr. Fredrick Mantz, P.O. Box 285, Modesto 95353. (209) 522-5238.

February 28—**Cancer of the Head and Neck**. American Cancer Society, Kern County Unit, at Bakersfield Inn, Bakersfield. Friday. 7 hrs. \$25. Contact: Donald C-S Tan, MD and/or Phillip Mahans, DDS, Co-Chairmen, 238 18th St., Bakersfield 93301. (805) 325-5117.

February 28-March 2—**Seminar on Modern Concepts in Oncology—3rd Annual**. UCLA. Friday-Sunday.

Continuously—**Tumor Conference**. Cruden Education Center, St. John's Hospital, Oxnard. Fridays, 12:00 noon-1:00 p.m. Advice and consultation from specialists in surgical, medical, radiotherapeutic, chemotherapeutic treatment of cancer. Practicing physicians invited to have patients presented for discussion. Cancer program has 3 year accreditation from American College of Surgeons. Contact: D. Gordon Johnston, MD, Dir. of Med. Ed., St. John's Hospital, 333 N. "F" St., Oxnard 93030. (805) 483-1141, ext. 266.

Continuously—**Tumor Conference**. UCSD at Pickard Auditorium, University Hospital, San Diego. Tuesdays, 4:00 p.m. Contact: Sidney Saltzstein, MD, University Hospital, San Diego. (714) 291-3330, ext. 1071.

Continuously — **Tumor Board — Harbor General Hospital**. Pathology Conference Room, Harbor General Hospital, Torrance. Fridays 3-4 p.m. Advice and consultation from specialists (UCLA faculty members) in surgical, medical, and radiotherapeutic treatment of cancer. Practicing physicians invited to have patients presented for discussion. Contact: John R. Benfield, MD, Dept. of Surgery, Harbor General Hospital, 1000 W. Carson St., Torrance 90509. (213) 328-2380, ext. 281.

MEDICINE

December 15—**Advances in Diagnosis and Treatment in Clinical Medicine**. UCLA and Granada Community Hospital at Calif. State Univ., Northridge. Sunday. Contact: Rose De-

graffenreid, Granada Community Hospital, 10445 Balboa Blvd., Granada Hills 91344. (213) 360-1021, ext. 730.

January 8—**Pediatric Dermatology**. See Pediatrics, January 8.

January 8-March 26—**Professional Advancement in Cardiological Techniques: Refresher Course in Electrocardiology**. UCLA at Harbor General Hospital, Torrance. Wednesdays, 7-10 p.m. \$78.

January 16-18—**The Respective Roles of Medicine and Surgical Treatment in Cardiac Disease in the Adult**. American College of Physicians, UCLA, Cedar-Sinai Medical Center at Century Plaza Hotel, Los Angeles. Thursday-Saturday. \$100 for ACP members; \$150, non-members. Contact: Registrar, Postgraduate Courses, 4200 Pine St., Philadelphia, Pa. 19104. (215) 222-8120.

January 17-18—**Colonoscopy**. American and Southern Calif. Societies for Gastrointestinal Endoscopy at Beverly Hilton Hotel, Beverly Hills. Friday-Saturday. 9 hrs. \$65 for members; \$90, non-members. Contact: Melvin Schapiro, MD, 5400 Balboa Blvd., No. 202, Encino 91316. (213) 981-1300.

January 24-25—**Medical Application of Behavior Modification**. See Psychiatry, January 24-25.

KEY TO ABBREVIATIONS AND SYMBOLS

Medical Centers and CMA Contacts for Information

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103. (415) 777-2000.
- LLU:** Loma Linda University
Contact: John E. Peterson, MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311.
- PMC:** Pacific Medical Center
Contact: Allen J. Enelow, MD, Chairman, Education Committee, Pacific Medical Center, P.O. Box 7999, San Francisco 94120. (415) 563-4321.
- STAN:** Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD:** University of California, Davis
Contact: Neil C. Andrews, MD, Chairman, Department of Postgraduate Medicine, University of California, Davis, School of Medicine, Davis 95616. (916) 752-0328.
- UCI:** University of California, California College of Medicine, Irvine
Contact: Robert Combs, MD, Associate Dean, Continuing Medical Education, University of California, Irvine—California College of Medicine, Irvine 92664. (714) 833-5991.
- UCLA:** University of California, Los Angeles
Contact: Donald Brayton, MD, Director Continuing Education in Medicine and the Health Sciences. P.O. Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD:** University of California, San Diego
Contact: Richard A. Lockwood, MD, Associate Dean for Health Manpower, 1310 Basic Sciences Building, University of California, San Diego, School of Medicine, La Jolla 92037. (714) 453-2000, ext. 1251.
- UCSF:** University of California, San Francisco
Contact: Malcolm S. M. Watts, MD, Associate Dean and Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-2342.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 226-2047.

- January 26-February 1—**Skiers' Symposium: Pre-, Intra- and Post-Operative Management of the Surgical Patient.** See Of Interest To All, January 26-February 1.
- January 29—**Pediatric Dermatology.** See Pediatrics, January 29.
- January 29-31—**Pediatric Dermatology.** See Pediatrics, January 29-31.
- February 5—**Cardiac Diagnostic Techniques.** Charles R. Drew Postgraduate Medical School at Martin Luther King, Jr., General Hospital, Los Angeles. Wednesday. Contact: Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 E. 120th St., Los Angeles 90059. (213) 564-5911, ext. 391.
- February 7—**Stomatology.** STAN. Friday.
- February 10-14—**Infectious Disease.** STAN and American College of Physicians at Squaw Valley. Monday-Friday.
- February 12-14—**Diabetes and Related Endocrine Diseases.** UCSF. Wednesday-Friday.
- February 15-19—**American Academy of Allergy.** Town and Country Hotel, San Diego. Saturday-Wednesday. Contact: Janice Manke, AAA, 225 E. Michigan St., Milwaukee, Wis. 53202. (415) 272-6071.
- February 19—**Cardiopulmonary Resuscitation.** Charles R. Drew Postgraduate Medical School at Martin Luther King, Jr., General Hospital, Los Angeles. Wednesday. Contact: Office of Continuing Education, Drew Postgraduate Medical School, 1621 E. 120th St., Los Angeles 90059. (213) 564-5911, ext. 391.
- February 26-28—**Acute Respiratory Care.** California Thoracic Society at Beverly Hilton Hotel, Beverly Hills. Wednesday-Friday. 21 hrs. \$135 for CTS members; \$160, others. Contact: Mrs. Laurie Harkess, Prog. Asst., CTS, 224 Pendleton Way, Oakland 94621. (415) 636-1756.
- February 27-28—**Endocrinology.** USC at Good Samaritan Hospital, Los Angeles. Thursday-Friday.
- February 27-28—**Dermatology for Internists and GPs.** UCSF. Thursday-Friday.
- Continuously—**Clinical Conferences.** Community Hospital of Santa Cruz. See Of Interest to All, Continuously.
- Continuously—**Medical Chest Conference.** St. Mary's Hospital, San Francisco. Tuesdays, 4:00-5:00 p.m. in Pulmonary Classroom. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.
- Continuously—**Medical Morbidity-Mortality Conference.** St. Mary's Hospital, San Francisco. Thursdays, 12:15-1:00 p.m. in Staff Lounge. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.
- Continuously—**Cardiology Conferences.** Samuel Merritt Hospital, Oakland. First and third Mondays, 12:00 noon-1:30 p.m., Classroom No. 9. Reviews and case discussions on selected topics of current interest in cardiology. Luncheon served. Contact: Thomas P. Forde, MD, 3326 Webster St., Oakland 94609.
- Continuously—**Cardiology Conference/General Medical Conference.** Cruden Education Center, St. John's Hospital, Oxnard. Tuesdays, 12:00 noon-1:00 p.m. Conferences including case presentations, discussions of specific cardiology and medical problems. Contact: R. E. Liguori, MD, Dir. of Cardiovascular Laboratory, St. John's Hospital, 333 N. "F" St., Oxnard 93030. (805) 483-1141, ext. 256.
- Continuously—**Cardiology Conferences.** San Diego County Heart Association at Sharp Hospital, San Diego. Fridays, 8-10 a.m. Contact: William Kuzman, MD, Sharp Hospital, 7901 Frost St., San Diego. (714) 277-6121. Or Mrs. Cathy Ware, SDCHA, P.O. Box 3625, San Diego 92103. (714) 291-7454.
- Continuously—**Clinical Cardiology Conferences.** San Diego County Heart Association at University Hospital, San Diego. Thursdays, 8-10 p.m. Contact: Robert O'Rourke, MD, Instructor, Univ. Hospital, San Diego. (714) 294-5663. Or Mrs. Cathy Ware, Prog. Dir., San Diego Co. Heart Assn., 3640 5th St., San Diego 92103. (714) 291-7454.
- Continuously—**Clinical Cardiology Conference.** Thursdays, 8:00 p.m. **Cardiosurgical Conference.** Fridays, 2:00 p.m. UCSD at University Hospital, San Diego.
- Continuously—**Medical Mortality Conference.** UCSD at Pickard Auditorium, University Hospital, San Diego. Fridays, 11:30 a.m.
- Continuously—**Medical Chest Conference.** UCSD alternating between University and VA Hospitals, San Diego. Thursdays, 12:30 p.m.
- Continuously—**Medical-Surgical G.I. Conference.** UCSD at University Hospital, 3rd floor, rm 3, San Diego. Tuesdays, 12:30 p.m.
- Continuously—**Hematology Pathology/Hematology Morphology Conference.** Mondays, 11:00 a.m. **Hematology Clinical Conference.** Mondays, 12 noon. UCSD alternating between University and VA Hospitals, San Diego.
- Continuously—**Gastroenterology Conference.** Tuesdays, 11:00 a.m. **Gastrointestinal Conference.** Tuesdays, 12:30 p.m. **Gastroenterology-Pathology Conference.** Wednesdays, 11:00 a.m. UCSD at University Hospital, San Diego.
- Continuously—**Renal Dialysis Traineeships.** UCSF. By special arrangement.
- Continuously—**Preceptorships in Biochemistry and Biophysics.** UCSF. By arrangement.
- Continuously—**Clinics in Dermatology.** UCSF. By arrangement.
- Continuously—**Preceptorships in Cardiology.** PMC. By arrangement. \$200 per mo.; \$500 for 3 mos. Contact: Arthur Selzer, MD, PMC.
- Continuously—**Preceptorships in Practical Office Dermatology.** PMC. Wednesdays or Fridays, 9:00 a.m.-12:00 noon, for 10 weeks. Periods begin Oct., Jan., or April. \$100. Contact: Harold M. Schneidman, MD, Dept. of Dermatology, PMC.
- Continuously—**Preceptorships in Infectious Disease.** PMC. Full time for four weeks. To be arranged. \$250. Contact: Rodney J. Valentine, MD, Chief, Div. of Infectious Diseases, PMC.
- Continuously—**Renal Conference.** San Joaquin General Hospital, Stockton. First Thursday of each month, 11:00 a.m. to 12:00 noon, Conference Room 2. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.
- Continuously—**Renal Conference.** UCSD alternating between University and VA Hospitals, San Diego. Thursdays, 12:30 p.m.
- Continuously—**Rheumatology Conference.** UCSD at Pickard Auditorium, University Hospital, San Diego. 2nd and 4th Fridays, 12:30 p.m.
- Continuously—**Cardiology Conference.** San Joaquin General Hospital, Stockton. Third Wednesday of each month, 10:00-11:30 a.m., Conference Room 1. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.
- Continuously—**Seminar in Clinical and Public Health Aspects of Chest Diseases.** Harbor General Hospital and CRMP Area IV at Harbor General Hospital, Torrance. Three-hour sessions on second Friday of every other month, 9-12 a.m., B-3 classroom, Chest Wards. Presentation of patients demonstrating medical, social, and public health aspects of chest disease, followed by discussion of cases. Course open to physicians, nurses, social workers and personnel concerned with detec-

tion and management of patients with chest disease. No fee. Contact: Matthew Locks, MD, Dir., Chest Ward Service, Harbor General Hospital, 1000 W. Carson St., Torrance 90509. (213) 328-2380, ext. 1245.

Continuously—**Training of Physicians in Modern Concepts of Pulmonary Care.** CRMP Area VI, LLU and Riverside General Hospital. Four weeks or more, scheduled by arrangement. Diagnostic and therapeutic methods in medical chest disease, physiological methodology of modern pulmonary care programs, use of new instrumentation in the field. 160 hrs. Contact: George C. Burton, MD, LLU.

Continuously—**Continuing Education in Internal Medicine—Harbor General Hospital.** CRMP Area IV and Harbor General Hospital at Harbor General Hospital, Torrance. Thursdays 12:00-1:00 p.m. Systematic review of internal medicine, lectures by faculty and visiting professors. Contact: A. James Lewis, MD, Program Dir., Harbor General Hospital, 1000 W. Carson St., Torrance 90509. (213) 328-2380, ext. 1534.

Continuously—**Training for Physicians in General Internal Medicine.** LLU. Four weeks or more, scheduled by arrangement. Bedside and classroom training, practical aspects of clinical care and management. 160 hrs. Contact: LLU.

Continuously—**Cardiology Conferences — CRMP Area III.** Monthly, 2:30-5:30 p.m. at Room M112, Stanford Medical Center, Stanford. Conferences including case presentations of local complicated cardiologic problems. Contact: William J. Fowkes, Jr., MD, 703 Welch Road, Suite G1, Palo Alto 94304. (415) 321-1200, ext. 6015.

Grand Rounds—Medicine

Tuesdays

8:30-10:00 a.m., Assembly Hall, Harbor General Hospital, Torrance. UCLA.

9:00-10:00 a.m., Morrissey Hall, St. Mary's Hospital, San Francisco.

Dermatology. 11:00 a.m. VA Hospital, San Diego. UCSD.

Wednesdays

8:00 a.m., A Level Amphitheater, LLU Hospital, LLU.

8:30 a.m., Auditorium, Brown Bldg., Mt. Sinai Hospital, Los Angeles. UCLA.

Dermatology. 10:00 a.m. University Hospital, San Diego. UCSD.

1st Wednesday of each month, 10:00-11:15 a.m., Conference Room 1, San Joaquin General Hospital, Stockton.

10:30-12 noon. Auditorium, Medical Sciences Building. UCSF.

11:00 a.m., Room 1645, Los Angeles County-USC Medical Center. USC.

12:00 noon. Auditorium, School of Nursing, Orange County Medical Center. UCI.

12:30-1:30 p.m., VA Hospital, San Diego. UCSD.

12:30-1:30 p.m., Building 22, VA Hospital, Sepulveda.

Thursdays

8:00 a.m., Sacramento Medical Center, Sacramento. UCD.

8:00-10:00 a.m., 4th Floor, UCLA Medical Center. UCLA.

Neurology. 11:00 a.m., 664 Science, UCSF.

Neurology. 12:30 p.m., University Hospital of San Diego County, San Diego. UCSD.

4th Thursday of each month, 12:30 p.m. in lower conference room, Huntington Intercommunity Hospital, Huntington Beach.

Fridays

8:00 a.m., Auditorium, First Floor, Kern County General Hospital, Bakersfield. UCLA.

8:30-10:00 a.m., Auditorium, Lebanon Hall, Cedars of Lebanon Hospital, Los Angeles. UCLA. Second and Fourth Fridays.

Neurology. 8:30 a.m., held alternately at Stanford University Hospital and Neurology Conference Building 7, VA Hospital, Palo Alto. STAN.

Clinicopathologic Conference. 1st Friday, 12:00-1:30 p.m., Staff Room, St. Mary's Long Beach Hospital, Long Beach.

Internal Medicine. 2nd, 3rd, and 4th Fridays, 12:00-1:30 p.m., Staff Room, St. Mary's Long Beach Hospital, Long Beach.

1:15 p.m., Lieb Amphitheater, Timken-Sturgis Research Bldg., La Jolla. Scripps Clinic and Research Foundation.

Rheumatology. 11:45 a.m., Room 6441, Los Angeles County-USC Medical Center, Los Angeles. USC.

OBSTETRICS AND GYNECOLOGY

January 17-18—**Colposcopy.** Charles R. Drew Postgraduate Medical School at Airport Hyatt House (17) and Martin Luther King, Jr., General Hospital (18), Los Angeles. Friday-Saturday. Contact: Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 E. 120th St., Los Angeles 90059. (213) 564-5911, ext. 391.

January 27-28—**Neonatal Respiratory Symposium.** USC at Marriott Hotel, Los Angeles. Monday-Tuesday. Will reconvene in Aspen, Colo., January 29-31. Contact: John S. McDonald, MD, Dir., Perinatal Anesthesia, P.O. Box 54508, Los Angeles 90054.

January 27-30—**Perinatal Medicine.** USC at Kona Surf Hotel, Kona, Hawaii. Monday-Thursday. \$180.

February 8-9—**Obstetrical and Gynecological Forum.** Los Angeles Obstetrical & Gynecological Society at Beverly Hilton Hotel, Los Angeles. Saturday-Sunday. \$40 for physicians; \$15, residents. Contact: Miss Dee Davis, Exec. Sec., 5410 Wilshire Blvd., Los Angeles 90036. (213) 931-1621.

February 10-12—**The Heart, Lungs and Circulation in the Fetus and Newborn.** UCSF at Union Square Hyatt Hotel, San Francisco. Monday-Wednesday.

Continuously—**Ob-Gyn Case Review.** Saturdays, 8:00 a.m. **Gyn Tumor Conference/Mortality Conference.** Wednesdays, 12:30 p.m. **Ob-Gyn Pathology Conference.** Wednesdays, 4:00 p.m. UCSD at University Hospital, San Diego.

Continuously—**Ob/Gyn Conference.** San Joaquin General Hospital, Stockton. Mondays, 12:00-1:30 p.m. in Doctors' Dining Room. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Ob/Gyn Correlated Pathology Conference.** St. Mary's Hospital, San Francisco. See Radiology and Pathology, Continuously.

Grand Rounds—Obstetrics and Gynecology

Mondays

10:30 a.m., Assembly Room, First Floor, Harbor General Hospital, Torrance. UCLA.

12:00 noon, A Level Amphitheater, LLU Hospital, LLU.

Wednesdays

8:00 a.m., Conference Room, Sacramento Medical Center, Sacramento. UCD.

8:00-9:00 a.m., Fourth Floor Auditorium, UCLA Medical Center. UCLA.

5:00 p.m. Pickard Auditorium, University Hospital, San Diego. UCSD.

Fridays

8:00 a.m., Auditorium, Orange County Medical Center. UCI.

10:30 a.m., Auditorium, Women's Hospital, Los Angeles County-USC Medical Center, Los Angeles. USC.

PEDIATRICS

January 8—**Pediatric Dermatology.** USC at Womens Hospital, Los Angeles. Wednesday.

January 14-15—**Adolescent Medicine.** USC. Tuesday-Wednesday.

January 24-26—**Pediatric Anesthesiology.** See Surgery and Anesthesiology, January 24-26.

January 29—**Pediatric Dermatology.** USC at Womens Hospital, Los Angeles. Wednesday.

January 29-31—**Pediatric Dermatology.** STAN and American Academy of Pediatrics at Holiday Inn, Palo Alto. Wednesday-Friday.

January 30—**The Battered Child.** USC at Casa Royal, Bakersfield. Thursday.

January 30—**Parmelee Memorial Lecture—14th Annual.** Los Angeles Pediatric Society; American Academy of Pediatrics, California Chapter 2, at Los Angeles County Medical Association, Los Angeles. Thursday. Contact: L.A. Pediatric Society, P.O. Box 2022, Inglewood 90305. (213) 757-1198.

February 10-12—**The Heart, Lungs and Circulation in the Fetus and Newborn.** See Ob-Gyn, February 10-12.

Continuously—**Fellowship in Cleft Palate.** See Surgery, Continuously.

Continuously—**Perinatal Conference.** Earl and Loraine Miller Children's Hospital, Long Beach. Fridays, 12:30 p.m., Conference Room. Contact: Marguerite Markarian, MD, Dir. of Nurseries, Memorial Hospital Medical Center, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3261.

Continuously—**Pediatric Clinical Conference.** Earl and Loraine Miller Children's Hospital, Long Beach. Fridays, 8:00 a.m., Conference Room "H." Contact: Harry W. Orme, MD, Med. Dir., Memorial Hospital Medical Center, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3228.

Continuously—**Preceptorships in Pediatrics.** UCSF. By arrangement.

Continuously—**Pediatric Cardiology Conference.** UCSD. Small Conference Room, University Hospital, San Diego. Fridays, 12:30 p.m.

Continuously—**Pediatrics Clinical Conference.** San Joaquin General Hospital, Stockton. Wednesdays, 10:00-11:15 a.m., and Fridays, 9:30-11:00 a.m., Conference Room 3. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Pediatric-Cardiology Conference.** San Joaquin General Hospital, Stockton. Third Thursday of each month, 9:30-11:00 a.m., Conference Room 2. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Pediatric Cardiology Conference.** St. Vincent's Hospital, Los Angeles. Fourth Thursday of each month, 2:00 p.m., Main Doheny Conference Room. Contact: Leonard M. Linde, MD, Chief, Pediatric Cardiology, St. Vincent's Hospital, 3rd and Alvarado Sts., Los Angeles.

Continuously — **Pediatric Conference.** Cedars-Sinai Medical Center, Los Angeles. Thursdays weekly, 8:30-9:30 a.m. Contact: B. M. Kagan, MD, Lebanon Hall, Cedars-Sinai Med. Center, 4833 Fountain Ave., Los Angeles 90029. (213) 662-9111, ext. 181.

Continuously—**Pediatric Immunology and Allergy Seminar.** UCSD. Wednesdays, 8:00 a.m.

Continuously—**Pediatric Neurology.** UCSD at University Hospital, 3rd floor, rm. 3, San Diego. 1st and 3rd Wednesdays, 12:30 p.m.

PROLOID® (thyroglobulin)

Caution: Federal law prohibits dispensing without prescription.

Description. Proloid (thyroglobulin) is obtained from a purified extract of frozen hog thyroid. It contains the known calorigenically active components, Sodium Levothyroxine (T₄) and Sodium Liothyronine (T₃). Proloid (thyroglobulin) conforms to the primary USP specifications for desiccated thyroid—for iodine based on chemical assay—and is also biologically assayed and standardized in animals.

Chromatographic analysis to standardize the Sodium Levothyroxine and Sodium Liothyronine content of Proloid (thyroglobulin) is routinely employed.

The ratio of T₄ and T₃ in Proloid (thyroglobulin) is approximately 2.5 to 1.

Proloid (thyroglobulin) is stable when stored at usual room temperature.

Indications. Proloid (thyroglobulin) is thyroid replacement therapy for conditions of inadequate endogenous thyroid production: e.g., cretinism and myxedema. Replacement therapy will be effective only in manifestations of hypothyroidism.

In simple (nontoxic) goiter, Proloid (thyroglobulin) may be tried therapeutically, in non-emergency situations, in an attempt to reduce the size of such goiters.

Contraindication. Thyroid preparations are contraindicated in the presence of uncorrected adrenal insufficiency.

Warnings. Thyroglobulin should not be used in the presence of cardiovascular disease unless thyroid-replacement therapy is clearly indicated. If the latter exists, low doses should be instituted beginning at 0.5 to 1.0 grain (32 to 64 mg) and increased by the same amount in increments at two-week intervals. This demands careful clinical judgment.

Morphologic hypogonadism and nephroses should be ruled out before the drug is administered. If hypopituitarism is present, the adrenal deficiency must be corrected prior to starting the drug.

Myxedematous patients are very sensitive to thyroid and dosage should be started at a very low level and increased gradually.

Precaution. As with all thyroid preparations this drug will alter results of thyroid function tests.

Adverse Reactions. Overdosage or too rapid increase in dosage may result in signs and symptoms of hyperthyroidism, such as menstrual irregularities, nervousness, cardiac arrhythmias, and angina pectoris.

Dosage and Administration. Optimal dosage is usually determined by the patient's clinical response. Confirmatory tests include BMR, T₃ ¹³¹I resin sponge uptake, T₃ ¹³¹I red cell uptake, Thyro Binding Index (TBI), and Achilles Tendon Reflex Test. Clinical experience has shown that a normal PBI (3.5-8 mcg/100 ml) will be obtained in patients made clinically euthyroid when the content of T₄ and T₃ is adequate. Dosage should be started in small amounts and increased gradually with increments at intervals of one to two weeks. Usual maintenance dose is 0.5 to 3.0 grains (32 to 190 mg) daily.

Overdosage Symptoms. Headache, instability, nervousness, sweating, tachycardia, with unusual bowel motility. Angina pectoris or congestive heart failure may be induced or aggravated. Shock may develop. Massive overdosage may result in symptoms resembling thyroid storm. Chronic excessive dosage will produce the signs and symptoms of hyperthyroidism.

(Treatment: In shock, supportive measures should be utilized. Treatment of unrecognized adrenal insufficiency should be considered.)

How Supplied. ¼ grain; ½ grain; scored 1 grain; 1½ grain; scored 2 grain; 3 grain; and scored 5 grain tablets, in bottles of 100 and 1000.

Full information available on request.



WARNER/CHILCOTT
Division, Warner-Lambert Company
Morris Plains, New Jersey 07950

PR-GP-31-B/W

(Continued on Page 28)

Continuously—**Pediatric-Radiology-Urology Conference.** UCSD at University Hospital, Radiology Conference Room, San Diego. 1st and 3rd Fridays, 4:00 p.m.

Grand Rounds—Pediatrics

Tuesdays

Pediatric Cardiology. 7:30 a.m. University Hospital, San Diego. UCSD.

8:00 a.m., Children's Hospital Medical Center, Oakland.

8:30 a.m., Pathology Auditorium, San Francisco General Hospital.

8:30 a.m., University Hospital of San Diego County, San Diego. UCSD.

11:30 a.m., Auditorium, Pediatric Pavilion, Los Angeles County-USC Medical Center, Los Angeles. USC.

12:00 noon, A Level Amphitheater, LLU Hospital, LLU.

Pediatric Infectious Disease. 1:30 p.m. University Hospital, San Diego. UCSD.

Wednesdays

8-9:00 a.m., held alternately at Auditorium, Orange County Medical Center and Auditorium, Children's Hospital of Orange County. UCI.

8:30 a.m., Bothin Auditorium, Children's Hospital, San Francisco.

Thursdays

8:30 a.m., First Floor Auditorium, Harbor General Hospital, Torrance.

8:30-10:00 a.m., Room 664, Science Building, UCSF.

8:30-9:30 a.m., Lebanon Hall, Cedars of Lebanon Hospital, Los Angeles.

Fridays

8:30 a.m., Lecture Room, A Floor, Health Sciences Center, UCLA.

8:00 a.m., Sacramento Medical Center, Sacramento. UCD.

Pediatric Cardiology. 1st Friday of each month. 8:00 a.m., 5th floor Ward, St. Vincent's Hospital, Los Angeles.

8-9:00 a.m., Lecture Hall, Children's Hospital of Los Angeles.

8:30 a.m., Room M104, Stanford University Medical Center, STAN.

8:30-9:30 a.m., alternately at St. Mary's, Children's, Mt. Zion, and Kaiser Hospitals, San Francisco.

9:30-11:00 a.m., Conference Room 2, San Joaquin General Hospital, Stockton.

Infectious Disease. 10:00 a.m., Auditorium, Children's Division Building, Los Angeles County-USC Medical Center, Los Angeles. USC.

PSYCHIATRY

January 15-April 2—**Advanced Psychotherapeutic Techniques—A Practical Approach to Therapy.** UCLA. Wednesday evenings; 12 sessions.

January 24-25—**Medical Application of Behavior Modification.** PMC. Friday-Saturday.

January 25-26—**Autism: Diagnosis, Current Research and Management.** UCLA. Saturday-Sunday.

February 2-7—**Midwinter Program for Psychiatrists.** UCD at Squaw Valley Lodge, Squaw Valley. Sunday-Friday.

Continuously—**Adolescent Case Review.** St. Mary's Hospital, San Francisco. Wednesdays, 1:00-2:00 p.m., 3 West Conference Room. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Seminar in Ambulatory Methods.** UCSD at Mental Health Clinic, San Diego. Mondays, 11:00 a.m.

Continuously—**Preceptorships in Psychiatry.** UCSF. By arrangement.

Grand Rounds—Psychiatry

Tuesdays

8:30 a.m. VA Hospital, Rm. 2010, San Diego. UCSD.

Wednesdays

10:30 a.m., Sacramento Medical Center, Sacramento. UCD.

Thursdays

11:00 a.m., McAuley Institute, St. Mary's Hospital, San Francisco.

RADIOLOGY AND PATHOLOGY

January 6-7—**The Hemoglobinopathies—Their Manifestations and Laboratory Diagnosis.** Memorial Hospital Medical Center of Long Beach-UCI Center for Health Education and Am. Soc. of Clinical Pathologists. Monday-Tuesday. \$140. Contact: Exec. Sec., Ctr. for Health Education, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3823.

January 8-March 26—**Professional Advancement in Cardiological Techniques: Refresher Course in Electrocardiology.** See Medicine, January 8-March 26.

January 26-28—**Genitourinary Pathology.** UCI at Memorial Hospital Medical Center, Long Beach. Sunday-Tuesday.

January 31-February 2—**Los Angeles Midwinter Radiological Conference—27th Annual.** Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Friday-Sunday. Contact: James F. Mack, MD, St. Mary's Hospital, 509 E. 10th St., Long Beach 90813.

February 5—**Cardiac Diagnostic Techniques.** See Medicine, February 5.

February 5-7—**1975 San Diego Biomedical Symposium.** UCSD at Hilton Inn, Mission Bay, San Diego. Wednesday-Friday. Contact: Dr. Lowell Rosen, Prog. Chr., Dept. of Radiology, UCSD, Box 109, La Jolla 92037. (714) 453-2000, ext. 2268.

February 15—**Abnormal Lab Data: Hypertension.** PMC. Saturday.

February 15-16—**Diagnostic Nuclear Imaging: A Review and What's New.** UCSF at Fairmont Hotel, San Francisco. Saturday-Sunday.

February 17-21—**Diagnostic Radiology.** UCSF at Fairmont Hotel, San Francisco. Monday-Friday.

February 22-23—**A Practical Course in Ultra Sound.** UCSF at Fairmont Hotel, San Francisco. Saturday-Sunday.

Continuously—**Nuclear Medicine Conference. Radiology Classroom.** St. John's Hospital, Oxnard. Mondays, 12:00 noon-1:00 p.m. Cases reviewed and discussed. Advice and consultation from specialists in the practice of nuclear medicine techniques. Contact: Michael Lopiano, MD, Dir. of Nuclear Med. Dept., St. John's Hospital, 333 N. "F" St., Oxnard 93030. (805) 483-1141, ext. 297.

Continuously—**Ob/Gyn Correlated Pathology Conference.** St. Mary's Hospital, San Francisco. Mondays, 12:00 noon, Staff Lounge. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Pathology Conference.** St. Mary's Hospital, San Francisco. 2nd and 4th Wednesdays. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Tumor Board.** St. Mary's Hospital, San Francisco. Mondays, 8:00-9:00 a.m., Clinic Building, Room 3. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Clinical Pathology Conference.** St. Mary's Hospital, San Francisco. Third Tuesday of each month, 9:00-10:00 a.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously — **Radiology Film Reading Sessions.** Orange County Radiology Society and Orange County Medical Center at Orange County Medical Center, Orange. 1st Tuesday of each month, September-June, 7:30-9:00 p.m. Contact: Edward I. Miller, MD, 301 Newport Blvd., Newport Beach. (714) 645-8600.

Continuously—**Cytopathology Seminars.** UCSF. 2nd Thursday of each month, September-June. 5:00-6:00 p.m. Contact: Eileen King, MD, Dept. of Pathology, UCSF. (415) 666-2919.

Continuously — **Cytopathology Tutorial Program.** UCSF. Courses may be arranged throughout the year on the basis of individual needs and goals; fees are prorated accordingly. Arrangements should be discussed with instructor, Eileen B. King, MD, Dept. of Pathology, UCSF. (415) 666-2919.

Continuously—**Principles and Clinical Uses of Radioisotopes.** UCSF. Fundamentals for the proper understanding and use of radioactivity in clinical medicine. Training in diagnostic and therapeutic uses of radioisotopes. Normal period of training: 3 months. Two-part course: Part A, Basic Fundamentals; Part B, Clinical Applications.

Continuously — **Scintiphograph Interpretation.** UCSF and Nuclear Medicine Section, Department of Radiology, UCSF. By special arrangement, designed to furnish physicians with an opportunity to participate in the daily activities of a university laboratory. Two-week training period participation in daily interpretation conferences, correlation conferences, routine training conferences. \$175. Contact: UCSF.

Continuously—**Medical X-Ray Conference.** Monday-Friday, 9:30 a.m. (Wednesdays, 8:30 a.m.). **Diagnostic X-Ray Review.** Wednesdays, 3:30 p.m. UCSD at University Hospital, San Diego.

Continuously—**Radiology/Pathology Conference.** UCSD at University Hospital, Pickard Amphitheatre, San Diego. Thursdays, 12:30 p.m.

Continuously—**G.I. Radiology Conference.** Fridays, 1:00 p.m. **Pediatric Radiology Conference.** Thursdays, 4:30 p.m. UCSD at University Hospital, San Diego.

Continuously—**Neuroradiology Conference.** UCSD at University Hospital, San Diego, Tuesdays, 4:30 p.m. and at VA Hospital, San Diego, Wednesdays, 2:00 p.m.

Continuously—**Ortho-Radiology Conference.** UCSD at VA Hospital, San Diego. Fridays, 8:00 a.m.

Continuously—**Radiology-Urology Conference.** UCSD alternating between University and VA Hospitals, San Diego. Wednesdays, 3:30 p.m.

Continuously—**Pathology Review.** Wednesdays, 9:30 a.m. **Cardiovascular Pathology Conference.** Tuesdays, 8:00 a.m. **Pathology-Urology Conference.** Alternate Mondays, 4:30 p.m. UCSD at University Hospital, San Diego.

Grand Rounds—Radiology-Pathology

Mondays

Pathology. 1:00 p.m., Sacramento Medical Center, Sacramento. UCD.

Tuesdays

Radiology. 3rd Tuesday of each month, 8:00 a.m., Bothin Auditorium, Children's Hospital and Adult Medical Center, San Francisco.

SURGERY AND ANESTHESIOLOGY

January 6-10—**Anesthesiology 1975.** Anesthesiology Education Foundation and Calif. Soc. of Anesthesiologists at Mammoth Mountain Inn, Mammoth Lakes. Monday-Friday. \$175. Contact: Richard W. Patterson, MD, Dept. of Anesthesiology, UCLA. (213) 825-5021.

January 9-10—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

January 13-17—**Intensive Course in Otolgic Surgery.** Ear Research Institute, USC, St. Vincent's Hospital at Ear Research Institute, Los Angeles. Monday-Friday. \$500; \$200 for residents. Contact: Ear Research Institute, 2130 W. 3rd St., Los Angeles 90057.

January 16-18—**The Respective Roles of Medical and Surgical Treatment in Cardiac Disease in the Adult.** See Medicine, January 16-18.

January 17-18—**Colonoscopy.** See Medicine, January 17-18.

January 19—**Orthopaedic Surgery and Surgical Anatomy of the Wrist and Hand.** International College of Surgeons, U.S. Section, at Los Angeles Orthopaedic Hospital, Los Angeles. Sunday. 8 hrs. \$50. Contact: Irving Rehman, PhD, Chr., Postgraduate & Ongoing Education Committee, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

January 20-23—**Midwinter Clinical Convention for Ophthalmology and Otolaryngology.** The Research Study Club of Los Angeles, Inc., at Hilton Hotel, Los Angeles. Monday-Thursday. 28 hrs. Contact: Russell M. Decker, MD, P.O. Box 49412, Los Angeles 90049.

January 24-26—**Pediatric Anesthesiology—13th Clinical Conference.** Children's Hospital of Los Angeles at Marriott Hotel, Los Angeles. Friday-Sunday. 15 hrs. \$100. Contact: Wayne Herbert, MD, Division of Anesthesiology, Children's Hospital, P.O. Box 54700, L.A. 90054.

January 26-28—**Refresher Course in Urology.** UCI at Center for Health Education, Long Beach. Sunday-Tuesday. Contact: Chuck Paul, UCI, Dept. UNEX, Irvine 92664. (714) 833-5193.

January 26-February 1—**Skiers' Symposium: Pre-, Intra- and Post-Operative Management of the Surgical Patient.** See Of Interest To All, January 26-February 1.

January 29-31—**Advances in Neurology.** UCSF. Wednesday-Friday.

February 1—**Symposium on Acutely Injured Patient.** International College of Surgeons, So. Calif. Division, at Hollywood Presbyterian Medical Center. Saturday. Contact: M. Hadi Salem, MD, 136 N. Brighton, Burbank 91506. (213) 846-0669.

February 2-5—**Theodor Billroth Course in Surgical Anatomy—16th Annual.** LLU. Sunday-Wednesday.

February 13-14—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

February 15—**Sports Injuries to the Knee.** Charles R. Drew Postgraduate Medical School at Martin Luther King, Jr., General Hospital, Los Angeles. Saturday. Contact: Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 E. 120th St., Los Angeles 90059. (213) 564-5911, ext. 391.

February 15—**Surgical Anatomy and Surgery of the Neck.** International College of Surgeons, U.S. Section, at L.A. Orthopaedic Hospital, Los Angeles. Saturday. 8 hrs. \$50. Contact: Irving Rehman, PhD, Chr., Postgraduate & Ongoing Education Committee, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

February 15-21—**Pan-Pacific Surgical Association—13th Congress.** Hilton Hawaiian Village Hotel, Honolulu. Saturday-Friday. 22½ hrs. Contact: Robert A. Rose, MD, Sec. Gen., Pan-Pacific Surgical Assn., 236 Alexander Young Building, Honolulu 96817. (808) 536-4911.

February 19—**Cardiopulmonary Resuscitation.** See *Medicine*, February 19.

February 19-21—**Critical Care Medicine and Circulatory Shock.** See *Of Interest to All*, February 19-21.

February 23-March 7—**Temporal Bone Surgical Dissection Course.** Ear Research Institute, Los Angeles. Two weeks. \$1,200; \$900 for residents. Contact: Jack L. Pulec, MD, Ear Research Institute, 2130 W. 3rd St., Los Angeles 90057.

February 26-28—**Acute Respiratory Care.** See *Medicine*, February 26-28.

February 27-March 1—**American Society for Surgery of the Hand—Annual Meeting.** Fairmont Hotel, San Francisco. Thursday-Saturday. \$50. Contact: John A. Boswick, Jr., MD, 4200 E. 9th Ave., #2414, Denver 80220. (303) 394-8549.

February 28-March 2—**Harry Benjamin 4th International Conference on Gender Identity.** STAN. Friday-Sunday.

Continuously—**Fellowship in Cleft Palate.** Rancho Los Amigos Hospital, Downey. One-year fellowship in the total evaluation and management of cleft lip and cleft palate patients. Contact: Libby Wilson, MD, Rancho Los Amigos Hosp., 7601 E. Imperial Highway, Downey 90242. (213) 922-7454.

Continuously—**Anesthesia Lecture Series.** UCSD at University Hospital, 3rd floor conference room, San Diego. Wednesdays, 4:45 p.m.

Continuously—**Anesthesiology Mortality and Morbidity Conference.** UCSD at VA Hospital, Rm. 6006, San Diego. Thursdays, 4:30 p.m.

Continuously—**Neurological Sciences.** St. Francis Hospital, Lynwood. Wednesdays, 7:30-8:30 a.m. Presentations of radiological evaluations and pathological specimens of current material and review of current topics in specialty. Weekly notification of cases available. Contact: Ralph Miller, Admin. Asst., St. Francis Hospital, 3630 Imperial Highway, Lynwood 90262. (213) 639-5111, ext. 365.

Continuously—**Basic Science Lecture Series.** Dept. of Surgery, St. Mary's Hospital, San Francisco. Mondays, 11:15 a.m.-12:15 p.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Mini Residencies in Orthopaedics.** STAN. Post-graduate traineeships of 4-14 days duration, as you wish. No tuition but donations accepted. Contact: Orthopaedic Division, Dept. of Surgery, Stanford.

Continuously—**Orthopedic Lecture Series.** Alternately at St. Mary's, St. Joseph's, Mary's Help, VA Martinez, Kaiser San Francisco, and Harkness Memorial Hospitals. Third Tuesday of each month, 6:00 p.m. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Orthopedic Trauma Conference.** USC at Los Angeles County-USC Medical Center. Mondays, 7:00-9:00 p.m. Contact: Dept. of Orthopedics, USC School of Med., 2025 Zonal Ave., Los Angeles 90033. (213) 225-3131.

Continuously—**Preceptorships in General Surgery.** UCSF. By arrangement.

Continuously—**Preceptorships in Neurological Surgery.** UCSF. By arrangement.

Continuously—**Preceptorships in Urology.** UCSF. By arrangement.

Continuously—**Training for Physicians in Nephrology.** CRMP Area VI and LLU at LLU. Courses of four weeks or more available, to be scheduled by arrangement. Hemodialysis, peritoneal dialysis, renal biopsy, and kidney transplantation. 160 hrs. Contact: Stewart W. Shankel, MD, LLU.

Continuously—**Surgical Anatomy.** St. Mary's Hospital, San Francisco. Mondays, 4:30 p.m., St. Mary's Hall, 2 W. Classroom. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Cline Clinic.** St. Mary's Hospital, San Francisco. Mondays, 1:30 p.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Morbidity and Mortality Conference.** 4th Monday of each month, 9:00-10:00 a.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Mortality and Morbidity Conference.** UCSD alternating between University and VA Hospitals, San Diego. Saturdays. 9:30 a.m.

Continuously—**Ortho Surgical Conference.** UCSD at University Hospital, 3rd floor conference room, San Diego. Wednesdays, 8:00 a.m.

Continuously—**Otolaryngology Conference.** UCSD alternating between University and VA Hospitals, San Diego. Fridays, 8:30 a.m.

Continuously—**Laryngeal Physiology.** UCSD at VA Hospital, San Diego. Fridays, 8:30 a.m.

Continuously — **Surgical Pathology Conference.** See *Radiology/Pathology*, Continuously.

Continuously—**Thoracic Surgery Conference.** San Joaquin General Hospital, Stockton. Fourth Wednesday of each month, 9:00-10:30 a.m., Conference Room 1. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Medical Surgical Combined Conference.** San Joaquin General Hospital, Stockton. Second Wednesday of each month, 10:00-11:15 a.m., Conference Room 1. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Trauma Conference.** UCSD at University Hospital, 1st floor conference room, San Diego. Tuesdays, 3:30 p.m.

Continuously—**Vascular Surgery Conference.** UCSD alternating between VA and University Hospitals, San Diego. Thursdays, 4:00 p.m.

Continuously—**Radiology-Urology Conference. Pathology-Urology Conference.** See *Radiology and Pathology*, Continuously.

Continuously—**Orthopaedic Audio-Synopsis Foundation.** A non-profit service for Orthopaedic Surgeons publishing monthly recorded teaching programs which include summaries of pertinent literature and excerpts from national and international orthopaedic meetings. Monthly c-60 cassette tapes. Annual subscription rate \$75 (\$37.50 for residents). Contact: A. Harris, Man. Ed., OASF, 1510 Oxley St., So. Pasadena 91030. (213) 682-1760.

Grand Rounds—Surgery

Mondays

9-10 a.m., Morrissey Hall, St. Mary's Hospital, San Francisco.

Tuesdays

Orthopedic Surgery. 8:00 a.m., Sacramento Medical Center, Sacramento. UCD.

Urology. 7:30 a.m., Sacramento Medical Center, Sacramento. UCD.

8:30 a.m., Lebanon Hall Auditorium, Cedars-Sinai Hospital, Los Angeles. UCLA.

Wednesdays

7:15 a.m., Auditorium, Kern County General Hospital, Bakersfield. CRMP Area IV.

8:00-10:00 a.m., San Joaquin General Hospital, Stockton.

3:30 p.m., Sacramento Medical Center, Sacramento. UCD.

Thursdays

Neurology and Neurosurgery. 11:00-12:15, Room 663, Science Building, UCSF.

Fridays

1:00-2:00 p.m., Auditorium, Orange County Medical Center, Orange. UCI.

Neurosurgery. 9:30 a.m., held alternately at Stanford University Hospital and Neurology Conference Building 7, VA Hospital, Palo Alto. STAN.

Otolaryngology. 12:00 noon. University and VA Hospitals, San Diego. UCSD.

Neurology, Neuropathology, Neurosurgery. 4:00 p.m. University and VA Hospitals, San Diego. UCSD.

Saturdays

8:00 a.m., Auditorium, 1st floor, University Hospital, 1st, 3rd, 5th Sat.; VA Hospital, 2nd, 4th Sat., San Diego. UCSD.

Orthopedics. 8:00-9:00 a.m. St. Mary's Hospital, San Francisco.

Orthopedic Surgery. 8:00-9:00 a.m. UCSF. September 21-June 14, 1975. Subjects to be announced.

8:30 a.m., Assembly Room, Harbor General Hospital, Torrance. CRMP Area IV.

9:00 a.m., Room 73-105, Health Sciences Center, UCLA.

Orthopedics. 10:00 a.m. Auditorium of the Children's Division, Los Angeles County-USC Medical Center. The third Saturday of each month. USC.

OF INTEREST TO ALL PHYSICIANS

December 27-28—**Symposium on Innovations in Athletic Conditioning and Sports Medicine—2nd Annual.** University Extension at UC, Berkeley. Friday-Saturday. 15 hrs. \$50. Contact: Nathan W. Cohen, PhD, Dir., Curriculum Development in Science, UC Extension, 2223 Fulton St., Berkeley 94720. (415) 642-1061.

January 9-10—**New and Old Antibiotics.** USC. Thursday-Friday.

January 14-April 22—**Acupuncture for Management of Musculo-Skeletal Pain.** UCLA. Mondays, 7-10 p.m.

January 23-24—**Environmental Health and Safety in Health Care Facilities.** UCSF. Thursday-Friday.

January 26-February 1—**Skiers' Symposium: Pre-, Intra- and Post-Operative Management of the Surgical Patient.** Bernard Levinson, MD, Carmichael, Symposium Coordinator. Snowbird-Alta, Utah. Sunday-Saturday. Contact: Daman-Nelson Travel Agency, 115 Mission St., San Francisco. (415) 434-2018.

January 27-31—**Topics in Emergency Medicine.** UCSF. Monday-Friday.

January 29-February 1—**Physician and the Hospital.** USC at Ahwahnee Hotel, Yosemite. Wednesday-Saturday.

February 1—**Symposium on Acutely Injured Patient.** See Surgery, February 1.

February 3-8—**Family Practice Refresher Course—6th Annual.** UCI at Newporter Inn, Newport Beach. Monday-Saturday.

February 5-7—**Physicians in Family Practice—25th Annual Course.** Mt. Zion Hospital and Medical Center, San Fran-

cisco. Wednesday-Friday. Contact: Ms. Ann Raisbeck, Asst. to Dir. of Med. Education, Mt. Zion Hosp. & Med. Center, 1600 Divisadero St., San Francisco 94115. (415) 567-6600.

February 19-21—**Critical Care Medicine and Circulatory Shock.** USC at Anaheim Convention Center, Anaheim. Wednesday-Friday.

February 21-22—**The Process and Treatment of Aging.** Vista Hill Foundation at Hilton Inn, San Diego. Friday-Saturday. \$35; \$20 for students and interns. Contact: Keith S. Ditman, MD, Vista Hill Foundation, 7798 Starling Dr., Suite 206, San Diego 92123. (714) 278-6761.

February 21-22—**Emergency Care.** UCD at Sahara Club, So. Lake Tahoe. Friday-Saturday.

February 21-26—**California Medical Association—104th Annual Session.** Los Angeles Convention Center. Friday-Wednesday.

February 27-28—**Dermatology for Internists and GPs.** See Medicine, February 27-28.

February 28-March 2—**Harry Benjamin 4th International Conference on Gender Identity.** See Surgery, February 28-March 2.

Continuously—**Psychiatric Seminars for Physicians.** San Francisco Psychoanalytic Institute, San Francisco. 1st and 3rd Thursdays, October-May, 1975; 8:00 p.m. Invitations to all non-psychiatric physicians of 9 Bay Area counties. Contact: Jerome D. Oremland, MD, Chr., Extension Division, S. F. Psychoanalytic Institute, 2420 Sutter St., San Francisco 94115. (415) 931-4205.

Continuously—**Bedside Clinics.** USC. September 26-December 19. Thursdays, 7:30-9:30 p.m.

Continuously—**Clinical Conferences.** UCSF at Community Hospital, Santa Cruz. October 9, 1974-June 11, 1975. Wednesdays.

Continuously—**Continuing Medical Education Noon Conferences.** The Hospital of the Good Samaritan, Los Angeles. Every weekday, 12-1 p.m. For monthly calendar, contact: Janie Sternal, Coord., Cont. Med. Ed., Hosp. of the Good Samaritan, 1212 Shatto St., Los Angeles 90029. (213) 482-8111.

Continuously—**Emergency Room Lecture Series.** UCSD at University Hospital, San Diego. Wednesdays, 10:00 a.m.

Continuously—**Endocrinology, Metabolism, Reproductive Medicine, Genetics Conference.** UCSD alternating between University and VA Hospitals, San Diego. Wednesdays, 11:30 a.m.

Continuously—**Preceptorships in International Health, Microbiology, Pharmacology and Experimental Therapeutics, Physiology and Basic Sciences.** UCSF. By special arrangement.

Continuously—**Family Health Program—Southern California.** 2925 N. Palo Verde, Long Beach. Second Friday of each month. 1:00-2:00 p.m. Contact: UCI.

Continuously — **Lecture Program.** Riverside-San Bernardino Chapter, American Academy of Family Physicians and UCI at Ram's Horn Inn, San Bernardino. 3rd Thursday of each month. 7:30 p.m. Contact: UCI.

Continuously—**Hospital Lecture Program.** UCI at Anaheim Mem. Hosp.; Brea Comm. Hosp.; Fountain Valley Comm. Hosp.; Garden Park Gen. Hosp., Anaheim; Hartland Comm. Hosp., Baldwin Park; Huntington Intercomm. Hosp., Huntington Beach; Imperial Gen. Hosp., Inglewood; La Habra Comm. Hosp.; La Mirada Comm. Hosp.; La Palma Intercommunity Hosp., La Palma; Los Alamitos Gen. Hosp.; Mission Comm. Hosp., Mission Viejo; Palm Harbor Hosp., Garden Grove; Riviera Hosp., Torrance; Rio Hondo Mem. Hosp., Downey; San Gabriel Valley Comm. Hosp., San Gabriel; Stanton Comm. Hosp.; Studebaker Comm. Hosp., Norwalk; West Anaheim Gen. Hosp.; Westminster Comm. Hosp. Contact: UCI.

Continuously—**Professional Education Program.** Porterville State Hospital. Contact: Frank McCarry, MD, P.O. Box 2000, Porterville. (209) 784-2000.

Continuously—**Round Tables with Pacific Medical Center.** PMC and Sonoma Valley Hospital at Sonoma Valley Hospital, Sonoma. Second Monday of each month in Dining Room of the hospital, 8:00-10:00 p.m. \$100 per series, \$15 per session. Contact: William J. Newman, MD, 280 Perkins St., Sonoma 95476. (707) 996-2165.

Continuously—**Basic Science Seminar.** UCSD Wednesdays, 9:15 a.m., University Hospital of San Diego County, San Diego. Contact: UCSD.

Continuously—**Audio-Digest Foundation.** A non-profit subsidiary of CMA. Twice-a-month tape recorded summaries of leading national meetings and surveys of current literature. Services by subscription in: Family Practice, Surgery, Internal Medicine, Ob/Gyn, Pediatrics, Psychiatry, Anesthesiology, Ophthalmology, Otorhinolaryngology. Catalog of lectures and panel discussions in all areas of medical practice also available. \$75 per year. Contact: Mr. Claron L. Oakley, Editor, Suite 700, 1930 Wilshire Blvd., Los Angeles 90057. (213) 483-3451.

Continuously—**Medical Media Network.** Programs and study guides produced in association with faculties of major medical schools and centers throughout the U.S. MMN administered by University Extension, UCLA. Rental or purchase, 16 mm, super 8 mm, videotape and video-cassette. Provides physicians with current educational programs. Contact: Ms. Jan MacAllister, Distribution Mgr., MMN, 10995 Le Conte Ave., Room 540, Los Angeles 90024. (213) 825-7781.

Continuously—**Stanford-Mills Memorial Hospital Continuing Education Program.** STAN at Mills Memorial Hospital, San Mateo. Tuesday-Friday weekly. Basic Science for the Clinician, Grand Rounds, Intensive Care. Contact: STAN.

OREGON

COUNCIL ON MEDICAL EDUCATION

THIS BULLETIN of information regarding continuing education programs and meetings of various medical organizations in Oregon is supplied by the Council on Medical Education of the Oregon Medical Association. In order that they may be listed here, please send communications relating to your future meetings or postgraduate courses two months in advance to Council on Medical Education, Oregon Medical Association, 2164 S.W. Park Place, Portland, Oregon 97205; or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Providence Hospital, Providence Hall Auditorium, 700 N.E. 47th Avenue, Portland 97213:

December 11—7:00 p.m.—**Blue Cross as a Consumer Advocate**

December 17—7:00 p.m.—**Newer Approaches to the Treatment of Leukemia**

University of Oregon Medical School, Family Practice Center, 3181 S.W. Sam Jackson Park Road, Portland 97201:

Every Thursday, 8:00 a.m. to 9:00 a.m.—**Family Practice Grand Rounds.** Contact: David D. Smith, MD, Department of Family Practice, University of Oregon Medical School.

CARDIOLOGY

June 5-7—**Progress in Coronary Artery Disease and Valvular Heart Disease,** Portland. Contact: S. H. Rahimtoola, University of Oregon Medical School, 3181 S.W. Sam Jackson Park Road, Portland, 97201.

FAMILY PRACTICE

February 9—**Practical Genetics for the Family Physician,** 9:00 a.m. to 5:00 p.m., Hilton Hotel, Portland. Contact: Neil Buist, MD, 429 S.W. Fourth Ave., Portland, 97204.

February 10-14—**General Family Practice Review,** Hilton Hotel, Portland. Contact: William Fisher, MD, University of Oregon Medical School, Department of Family Practice, 3181 S.W. Sam Jackson Park Road, Portland, 97201.

Every Thursday, 8:00 a.m. to 9:00 a.m.—**Family Practice Grand Rounds,** Family Practice Center, University of Oregon Medical School, Portland. Contact: David D. Smith, MD, Department of Family Practice, University of Oregon Medical School, 3181 S.W. Sam Jackson Park Road, Portland 97201.

WASHINGTON, MONTANA, ALASKA and IDAHO

In order to have future activities listed here or to receive information on these and other activities, please write Ms. Joan M. Kelday, Information Specialist, Continuing Medical Education, WAMI Program, University of Washington School of Medicine, E-301, Health Sciences Building, SC-45, Seattle, Washington 98195. Phone: (206) 543-6995.

January 16-17—**What's New in Pediatrics '75.** Thursday-Friday. Seattle. Fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle, 98195. (206) 543-1050.

January 22-24—**Advances in Neurology.** Wednesday-Friday. Virginia Mason Medical Center Auditorium, Seattle. 18 hrs. \$100, ACP members; \$150, non-members; \$50, ACP Associates. Contact: M. H. Jackson, Registrar, Postgraduate Courses, American College of Physicians, 4200 Pine St., Philadelphia, Pa., 19104.

January 24-25—**Tax, Estate and Financial Planning for Physicians.** Friday-Saturday. Seattle. \$75. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

January 26-February 1—**Advances in Perinatology.** Sunday-Saturday. Sun Valley, Idaho. 37½ hrs. \$100 for physicians, \$30 for nurses and other health professionals. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

February 7-8—**A Modern Approach to Allergy.** Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

February 19-20 — **Trauma-Burns-Shock: Emergency Medical Care—Univ. of Washington School of Medicine's Western Circuit Course.** Longview, Wash., Feb. 19; Olympia, Wash., Feb. 20. 4 hrs. \$25. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

February 20-21—**Thirteenth Annual Symposium on Respiratory Disease.** Thursday-Friday. Olympic Hotel, Seattle. Hours and fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

February 28-March 1—**The Intensive Care Patient.** Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

March 4-5—**Trauma-Burns-Shock: Emergency Medical Care—Univ. of Washington School of Medicine's Western Circuit Course.** Bremerton, Wash., Mar. 4; Bellingham, Wash., Mar. 5. 4 hrs. \$25. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

March 14-15—**Current Concepts in Cardiology.** Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

March 17-21—**Emergency Medicine Institute.** Monday-Friday. Univ. of Wash. Health Sciences Center, Seattle. 40 hrs. \$250. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, S-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

March 20-21—**Basic Sciences for Clinicians.** Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours and fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

March 31-April 4—**Advances in Family Practice.** Monday-Friday. Univ. of Wash. Health Sciences Center, Seattle. 40 hrs. \$100. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

April 4-5—**Acid Base and Blood Gas Management in the Surgical Patient.** Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

April 10-11—**Developmental Disabilities: Early Identification and Intervention Can Make a Difference.** Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours and fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

April 24-25—**Conference on Respiratory Care.** Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours not set. \$75. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

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BOOKS RECEIVED

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

ABDOMINAL OPERATIONS—Sixth Edition—Volumes 1 and 2—Rodney Maingot, FRCS, and British and American Contributors. Appleton-Century-Crofts, A Publishing Division of Prentice-Hall, Inc., Publishers, Englewood Cliffs, NJ (07632), 1974. 2,240 pages, \$82.50.

ALCOHOL AS A DRUG—A Curriculum on Pharmacology, Neurology and Toxicology—Charles E. Becker, MD, Director, Alcohol Detoxification Unit, San Francisco General Hospital, and Assistant Professor of Medicine in Residence, University of California, San Francisco; Robert L. Roe, MD, Director, Drug Detoxification Unit and Chief, Rheumatology Unit, San Francisco General Hospital, and Assistant Professor of Medicine in Residence, University of California, San Francisco; and Robert A. Scott, MD, Neurologist, Acute Detoxification Unit, San Francisco General Hospital, Assistant Professor of Neurology in Residence, University of California, San Francisco. Medcom, Inc., 2 Hammarskjold Plaza, New York City (10017), 1974. 99 pages, soft cover, \$9.95.

AWAKENING—Dr. Oliver W. Sacks, Instructor in Neurology, Albert Einstein College of Medicine. Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1974. 249 pages, \$7.95.

THE CARE OF THE RHEUMATOID HAND—Third Edition—Adrian E. Flatt, MD, M Chir., Professor of Orthopaedic Surgery, University of Iowa, Iowa City, Hunterian Professor of Royal College of Surgeons of England, Civilian Consultant to U.S. Air Force in Hand Surgery. The C. V. Mosby Company, 3301 Washington Boulevard, St. Louis (63103), 1974. 296 pages, \$24.75.

CLINICAL CHEMISTRY—PRINCIPLES AND TECHNIQS—Second Edition—Richard J. Henry, MD, Vice President, Bio-Science Enterprises, Westwood, Calif.; Donald C. Cannon, MD, PhD, Director, Bio-Science Laboratories, Van Nuys, Calif.; and James W. Winkelman, MD, President, Bio-Science Laboratories, Van Nuys. Harper & Row, Publishers, Inc., Medical Department, 2350 Virginia Ave., Hagerstown, MD (21740), 1974. 1,641 pages, \$37.50.

CREATIVE AGGRESSION—George R. Bach, PhD, Founder and Director, Institute of Group Psychotherapy of Los Angeles; and Herb Goldberg, PhD, Professor of Psychology, California State University, Los Angeles. Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1974. 407 pages, \$8.95.

DORLAND'S ILLUSTRATED MEDICAL DICTIONARY—Twenty-fifth Edition. W. B. Saunders Company, West Washington Square, Philadelphia (19105), 1974. 1,748 pages, 52 plates (23 in full color), \$21.50, Standard, \$28.50, Deluxe (thumb indexed).

ESSAYS ON LONGEVITY—Samuel Kahn, MD. Philosophical Library Inc., 15 East 40th Street, New York City (10016), 1974. 188 pages, \$10.00.